

Abstract of the Disclosure

A system for assisting in the diagnosis of errors in manufacturing machinery is disclosed wherein sensors are associated with the machinery at monitoring zones

5 for detecting errors and generating sensor signals representing the errors. Video cameras are located at monitoring zones associated with specific sensors. A computer readable medium is in communication with the cameras for receiving video of the process. A set of computer readable instructions are embodied within the computer readable medium for receiving input selecting machine sensors and

10 cameras, triggering, and producing the pre-event and post-event videos for the trigger signals. Operating instructions are for continuously storing video output in temporary memory, receiving sensor signals, and processing the sensor signals to determine if a trigger signal is required. After a trigger signal, video is copied from temporary memory into permanent memory to provide the pre-event video, and

15 post-event video is recorded and stored in permanent memory.